

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20020057051".did.	US-PGPUB; USPAT	OR	OFF	2004/11/17 16:39
L2	1	1 and hole adj injection	US-PGPUB; USPAT	OR	OFF	2004/11/17 16:39
L3	5138	((313/504-506,509) or (315/169.3)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/17 16:41
L4	2758	L3 and (BOLED OLED OEL TOLED SOLED FOLED PLED (polymer organic) near2 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL ELD) OELD OED LESD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 16:42
L5	84	4 and (mtdata tpd) same (electron adj blocking adj layer ebl (fluoride LiF "MgF.sub.2" "CaF.sub.2" CsF))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 17:19
L7	2	OCDOF	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 17:36
L8	5	LiF near3 hole adj transport\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 17:39
L9	7	(LiF lithium adj fluoride) near3 (hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 17:54
L10	7	(LiF lithium LiF "MgF.sub.2" "CaF.sub. 2" adj fluoride) near3 ((hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) ((hole adj (inject\$9) anode adj modification) adj (layer\$5 coat\$5 film) HIL anode adj modification adj (layer\$5 coat\$5 film))) not I9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 17:56

L11	6	(LiF "MgF.sub.2" "CaF.sub.2" adj fluoride) near3 ((hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) ((hole adj (inject\$9) anode adj modification) adj (layer\$5 coat\$5 film) HIL anode adj modification adj (layer\$5 coat\$5 film))) not I9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 17:56
L12	164	(LiF "MgF.sub.2" "CaF.sub.2" adj fluoride) with ((hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) ((hole adj (inject\$9) anode adj modification) adj (layer\$5 coat\$5 film) HIL anode adj modification adj (layer\$5 coat\$5 film))) not I9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 17:56
L13	191	(LiF "MgF.sub.2" "CaF.sub.2" adj fluoride fluorine) with ((hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) ((hole adj (inject\$9) anode adj modification) adj (layer\$5 coat\$5 film) HIL anode adj modification adj (layer\$5 coat\$5 film))) not I9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 18:00
L14	111	(LiF "MgF.sub.2" "CaF.sub.2" adj fluoride fluorine) near6 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5 overcoat\$4) with ((hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) ((hole adj (inject\$9) anode adj modification) adj (layer\$5 coat\$5 film) HIL anode adj modification adj (layer\$5 coat\$5 film))) not I9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 18:29
L15	0	OCDOF near3 emissive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 18:17
L16	0	OCDOF near5 emissive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 18:17

L17	15	((polyfluorene poly adj fluorene fluorenyl adj polymer dioctyl adj fluorene fluorene adj polymer)) near6 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5 overcoat\$4) with ((hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) ((hole adj (inject\$9) anode adj modification) adj (layer\$5 coat\$5 film) HIL anode adj modification adj (layer\$5 coat\$5 film))) not I9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 19:14
L18	151942	diamine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 19:27
L19	566	kobayashi near2 hidekazu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 19:28
L20	2	19 and (fluorine fluoride Lif) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5 overcoat\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 19:30
S1	2	"6274979".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 16:54
S2	1	"6274979".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2004/06/14 16:54
S3	1	S2 and (LIF)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/06/14 16:55
S4	1	"20030044639".did.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/06/14 16:55

S5	21	(hole adj (transfer\$4 transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) near8 ((lithium sodium cesium calcium strontium magnesium babarium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2" "Ba F.sub.2" NaF alkali\$4 near3 fluoride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 17:03
S6	95	(hole adj (transfer\$4 transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) with ((lithium sodium cesium calcium strontium magnesium babarium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2" "Ba F.sub.2" NaF alkali\$4 near3 fluoride) not S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 18:28
S7	2	"6366016".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 18:09
S8	0	S7 and ((lithium sodium cesium calcium strontium magnesium babarium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2" "Ba F.sub.2" NaF alkali\$4 near3 fluoride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 18:15
S9	2	"6366016".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 18:19
S10	4	(electron\$4 adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) EBL) with (LIF lithium adj fluoride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 19:29
S11	2	"6274979".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 18:23
S12	2	S11 and (dielectric barrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 18:24
S13	2	S11 and (dielectric barrier LIF) and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 18:44

S14	1	"6075316".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/06/14 18:44
S15	544	kobayashi-hidekazu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 19:29
S16	6	S15 and hole adj block\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 19:46
S17	1584	(313/504).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/06/14 19:47
S18	631	(313/509).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/06/14 20:02
S19	1566	(315/169.3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/06/14 20:03
S20	0	("20020057051.did.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/06/11 17:50
S21	1	"20020057051".did.	US-PGPUB; USPAT	OR	OFF	2004/11/17 16:39
S22	1	"20020057051".did. and non adj light adj emitting	US-PGPUB; USPAT	OR	OFF	2004/06/11 18:10
S23	1	"20020057051".did. and hole adj blocking adj layer	US-PGPUB; USPAT	OR	OFF	2004/06/11 18:51
S24	6674	(BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm.	US-PGPUB; USPAT	OR	ON	2004/06/11 18:16
S25	15125	(BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/11 18:16

S26	424	((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and (lithium adj fluoride LiF) near3 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/11 18:36
S27	2	"5677572".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/11 18:24
S28	272	((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and (lithium adj fluoride LiF) near3 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) with (cathode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/11 18:38
S29	28	((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and (lithium adj fluoride LiF) near3 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) with (cathode) and ((hole adj blocking) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) HBL) and ((electron adj blocking) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) EBL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/11 19:59

S30	1	((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and ((lithium adj fluoride LiF) near3 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) with (cathode) ((hole adj blocking) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) HBL)) and ((electron adj blocking) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) EBL) with (fluori\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/11 18:50
S31	1	"20020057051".did. and fluorine near4 layer	US-PGPUB; USPAT	OR	OFF	2004/06/11 18:53
S32	1	((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and fluorine with electron adj block\$5	US-PGPUB; USPAT	OR	OFF	2004/06/11 18:58
S33	1	((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and fluorine same electron adj block\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 18:54
S34	1	fluorine with electron adj block\$5	US-PGPUB; USPAT	OR	OFF	2004/06/11 18:55
S35	0	"F" with electron adj block\$5	US-PGPUB; USPAT	OR	OFF	2004/06/11 18:55
S36	0	"F" with electron adj block\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 18:55
S37	1	fluorine with electron adj block\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 18:55
S38	108	electron adj block\$5 with (made material)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 19:01

S39	2	(US-5677572-\$).did. or (US-20040070335-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/06/11 18:57
S40	0	((US-5677572-\$).did. or (US-20040070335-\$).did.) and (benzidene)	US-PGPUB; USPAT	OR	OFF	2004/06/11 18:57
S41	1	((US-5677572-\$).did. or (US-20040070335-\$).did.) and (triarylamine)	US-PGPUB; USPAT	OR	OFF	2004/06/11 18:57
S42	1	((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and electron adj block\$5 with triarylamine	US-PGPUB; USPAT	OR	ON	2004/06/11 18:58
S43	58	electron adj block\$5 near5 (made material)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 19:45
S44	490	polyvinylcarbazole.ab,ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 19:10
S45	490	"poly(vinylcarbazole)".ab,ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 19:10
S46	504	"poly(vinylcarbazole)".ab,ti. and "poly(vinylcarbazole)"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/11 19:11
S47	504	"poly(vinylcarbazole)".ab,ti. and "poly(vinylcarbazole)"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/11 19:14
S48	2	"poly(vinylcarbazole)".ab,ti. and "poly(vinylcarbazole)" with (fluorine "F")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/11 19:14
S49	0	electron adj block\$5 with polyfluorene	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 19:45

S50	0	electron adj block\$5 same polyfluorene	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 19:46
S51	1	electron adj block\$5 same \$4fluorene	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 19:46
S52	1	electron adj block\$5 same \$7fluorene	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 19:51
S53	10	electron adj block\$5 same \$7fluoride	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 19:50
S54	3	electron adj block\$5 same \$7fluorine	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 19:53
S55	6	electron adj block\$5 with ((lithium Magnesium) adj fluoride LiF "MgF.sub. 2")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/11 19:51
S56	73	((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and ((lithium adj fluoride LiF) near3 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) with (cathode) ((hole adj blocking) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) HBL)) and ((electron adj blocking) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) EBL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/11 20:02

S57	232	((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and (lithium adj fluoride LiF) near3 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) with (cathode) and (((electron adj blocking hole adj (transmit\$6 transport\$4)) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5)) EBL HTL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/11 20:08
S58	427	((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and ((lithium adj fluoride LiF) near3 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) with (cathode) ((hole adj blocking) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) HBL)) and (((electron adj blocking hole adj (transmit\$6 transport\$4)) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5)) EBL HTL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/12 17:29
S59	1	"6274979".pn.	US-PGPUB; USPAT	OR	OFF	2004/06/12 16:57
S60	1	"6274979".pn. and (pixel\$5 subpixel\$4 sub adj pixel)	US-PGPUB; USPAT	OR	ON	2004/06/12 16:57
S61	1	"6274979".pn. and (pixel\$5 subpixel\$4 sub adj pixel)	US-PGPUB; USPAT	OR	ON	2004/06/12 17:13
S62	1	"6274979".pn.	US-PGPUB; USPAT	OR	ON	2004/06/12 17:15
S63	8	"6274979".URPN.	USPAT	OR	OFF	2004/06/12 17:13
S64	29	(celii-francis-g jacobs-simon-j).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/12 17:15

S65	427	((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and ((lithium adj fluoride LiF) near3 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) with (cathode) ((hole adj blocking) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) HBL)) and (((electron adj blocking hole adj (transmit\$6 transport\$4)) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5)) EBL HTL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/12 17:31
S66	184	((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and ((lithium adj fluoride LiF) near3 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) with (cathode) ((hole adj blocking) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) HBL)) and (((electron adj blocking hole adj (transf\$6)) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5)) EBL HTL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/12 17:36
S67	2	"6633122".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/12 17:33
S68	1	"6633122".pn.	USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/06/12 17:33
S69	0	"6633122".URPN.	USPAT	OR	OFF	2004/06/12 17:35

S70	15	(((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab, ti,clm. and (display panel image)) and ((lithium adj fluoride LiF) near3 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) with (cathode) ((hole adj blocking) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) HBL)) and (((electron adj blocking hole adj (transf\$6)) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5)) EBL HTL)) not (((BOLED OLED OEL TOLED SOLED FOLED organic near2 (EL apparatus device light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL) OELD OED LESD).ab,ti,clm. and (display panel image)) and ((lithium adj fluoride LiF) near3 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) with (cathode) ((hole adj blocking) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5) HBL)) and (((electron adj blocking hole adj (transmit\$6 transport\$4)) near2 (coat\$5 layer\$5 jacket\$5 film skin plating plated sublayer sub adj layer lamina\$5)) EBL HTL))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/12 17:36
S71	1	"20020057051".did.	US-PGPUB; USPAT	OR	OFF	2004/06/12 18:16
S72	1	"20020057051".did. and cathode	US-PGPUB; USPAT	OR	OFF	2004/06/12 18:16
S73	1	"20020057051".did. and cathode	US-PGPUB; USPAT	OR	ON	2004/06/12 18:27
S74	1	"20030162108".did.	DERWENT	OR	ON	2004/06/12 18:33
S75	1	2003-672867.NRAN.	DERWENT	OR	OFF	2004/06/12 18:31
S76	1	"20010036691".did.	DERWENT	OR	ON	2004/06/12 18:35
S77	1	2002-254778.NRAN.	DERWENT	OR	OFF	2004/06/12 18:33
S78	1	"20030137239".did.	DERWENT	OR	ON	2004/06/12 18:37
S79	1	2003-777569.NRAN.	DERWENT	OR	OFF	2004/06/12 18:36
S80	1	"20020076847".did.	DERWENT	OR	ON	2004/06/12 18:41
S81	1	2003-619975.NRAN.	DERWENT	OR	OFF	2004/06/12 18:37
S82	1	"6417034".did.	DERWENT	OR	ON	2004/06/12 18:45

S83	1	2002-254778.NRAN.	DERWENT	OR	OFF	2004/06/12 18:41
S84	1	"20030020073".did.	DERWENT	OR	ON	2004/06/12 18:45
S85	1	2003-256284.NRAN.	DERWENT	OR	OFF	2004/06/12 18:45
S86	1897	(313/505,506).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/06/14 10:57
S87	1	"6274979".pn.	US-PGPUB; USPAT	OR	OFF	2004/06/14 10:58
S88	1	"6274979".pn. and light	US-PGPUB; USPAT	OR	OFF	2004/06/14 10:57
S89	1	"6274979".pn. and light	US-PGPUB; USPAT	OR	ON	2004/06/14 10:58
S90	1	"6633122".pn.	US-PGPUB; USPAT	OR	OFF	2004/06/14 10:58
S91	1	"6633122".pn. and light	US-PGPUB; USPAT	OR	ON	2004/06/14 10:59
S92	19	("4466179" "4528480" "5589406" "5616506" "5712191" "5789763" "5808318" "5808595" "5824574" "5942856" "5943593" "5953597" "5981974" "6028577" "6037924" "6057183" "6096581" "6160272" "6252248").PN.	USPAT	OR	OFF	2004/06/14 11:17
S93	0	("(Komiya-NaoakiSano-Keiichi).in."). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/06/14 11:21
S94	63	(Komiya-Naoaki Sano-Keiichi).in.	US-PGPUB; USPAT	OR	OFF	2004/06/14 11:28
S95	1	"6204610".pn.	US-PGPUB; DERWENT	OR	OFF	2004/06/14 11:29
S96	1	2000-651206.NRAN.	DERWENT	OR	OFF	2004/06/14 11:28
S97	7	("5742129" "5745085" "5828181" "5886474" "5990629" "6028573" "6084579").PN.	USPAT	OR	OFF	2004/06/14 11:29
S98	2	"20030044639".did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 13:52
S99	1	2001-274901.NRAN.	DERWENT	OR	OFF	2004/06/14 13:51
S100	4	("6246179" "6281634").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 13:52

S10 1	1	((("6246179" "6281634").pn.) and (lithium LiF "MgF.sub.2" "Mg F.sub.2"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 13:54
S10 2	2	"20020057051".did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 13:54
S10 3	0	"Bebq.sub.2" near2 (emission)	US-PGPUB; USPAT	OR	OFF	2004/06/14 14:00
S10 4	2	"Bebq.sub.2" near4 (emission)	US-PGPUB; USPAT	OR	OFF	2004/06/14 15:00
S10 5	1	"6075316".pn.	US-PGPUB; USPAT	OR	OFF	2004/06/14 15:22
S10 6	1	"6075316".pn. and hole adj transp\$6 with (light emission)	US-PGPUB; USPAT	OR	OFF	2004/06/14 15:23
S10 7	17	(US-6274979-\$ or US-6630254-\$ or US-6366016-\$ or US-6541130-\$ or US-6727871-\$ or US-6099979-\$ or US-6075316-\$ or US-6281634-\$ or US-6246179-\$).did. or (US-20040061438-\$ or US-20020084746-\$ or US-20020195929-\$ or US-20030008172-\$ or US-20040062947-\$ or US-20030162108-\$ or US-20010036691-\$ or US-20030044639-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/06/14 15:36
S10 8	6	((US-6274979-\$ or US-6630254-\$ or US-6366016-\$ or US-6541130-\$ or US-6727871-\$ or US-6099979-\$ or US-6075316-\$ or US-6281634-\$ or US-6246179-\$).did. or (US-20040061438-\$ or US-20020084746-\$ or US-20020195929-\$ or US-20030008172-\$ or US-20040062947-\$ or US-20030162108-\$ or US-20010036691-\$ or US-20030044639-\$).did.) and (lithium adj fluoride LiF) with hole	US-PGPUB; USPAT	OR	OFF	2004/06/14 15:40

S10 9	98	(US-5589732-\$ or US-5485055-\$ or US-5432015-\$ or US-5156924-\$ or US-5150007-\$ or US-5047686-\$ or US-4987339-\$ or US-4717606-\$ or US-4369393-\$ or US-6274979-\$ or US-6099979-\$ or US-6075316-\$ or US-5679472-\$ or US-6120338-\$ or US-6630254-\$ or US-6551725-\$ or US-6429451-\$ or US-5677572-\$ or US-6456013-\$ or US-6524877-\$ or US-5155051-\$ or US-6734839-\$ or US-6727871-\$ or US-6692845-\$ or US-6689492-\$ or US-6618029-\$).did. or (US-6608449-\$ or US-6573650-\$ or US-6559594-\$ or US-6555840-\$ or US-6541130-\$ or US-6462468-\$ or US-6429585-\$ or US-6366016-\$ or US-6309486-\$ or US-6281634-\$ or US-6252356-\$ or US-6246179-\$ or US-6140766-\$ or US-6137222-\$ or US-5449582-\$ or US-6417034-\$ or US-6739931-\$ or US-6693296-\$ or US-6610455-\$).did. or (US-20030234608-\$ or US-20030015961-\$ or US-20020142189-\$ or US-20020113248-\$ or US-20020086180-\$ or US-20040061438-\$ or US-20040051448-\$ or US-20040046498-\$ or US-20040041518-\$ or US-20040027063-\$ or US-20040017153-\$ or US-20030209976-\$ or US-20030151360-\$ or US-20030151358-\$ or US-20030129447-\$ or US-20030044639-\$ or US-20030038594-\$ or US-20030006699-\$ or US-20020164416-\$ or US-20020163299-\$ or US-20020125820-\$ or US-20020101152-\$ or US-20020043927-\$ or US-20020036462-\$ or US-20010031379-\$ or US-20010011868-\$).did. or (US-20020070663-\$ or US-20040095064-\$ or US-20020160296-\$ or US-20030062519-\$ or US-20020127877-\$ or US-20010036691-\$ or US-20020076847-\$ or US-20030137239-\$ or US-20030162108-\$ or US-20030020073-\$ or US-20040079923-\$ or US-20040070335-\$ or	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/06/14 15:40
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S11 0	12	((US-5589732-\$ or US-5485055-\$ or US-5432015-\$ or US-5156924-\$ or US-5150007-\$ or US-5047686-\$ or US-4987339-\$ or US-4717606-\$ or US-4369393-\$ or US-6274979-\$ or US-6099979-\$ or US-6075316-\$ or US-5679472-\$ or US-6120338-\$ or US-6630254-\$ or US-6551725-\$ or US-6429451-\$ or US-5677572-\$ or US-6456013-\$ or US-6524877-\$ or US-5155051-\$ or US-6734839-\$ or US-6727871-\$ or US-6692845-\$ or US-6689492-\$ or US-6618029-\$).did. or (US-6608449-\$ or US-6573650-\$ or US-6559594-\$ or US-6555840-\$ or US-6541130-\$ or US-6462468-\$ or US-6429585-\$ or US-6366016-\$ or US-6309486-\$ or US-6281634-\$ or US-6252356-\$ or US-6246179-\$ or US-6140766-\$ or US-6137222-\$ or US-5449582-\$ or US-6417034-\$ or US-6739931-\$ or US-6693296-\$ or US-6610455-\$).did. or (US-20030234608-\$ or US-20030015961-\$ or US-20020142189-\$ or US-20020113248-\$ or US-20020086180-\$ or US-20040061438-\$ or US-20040051448-\$ or US-20040046498-\$ or US-20040041518-\$ or US-20040027063-\$ or US-20040017153-\$ or US-20030209976-\$ or US-20030151360-\$ or US-20030151358-\$ or US-20030129447-\$ or US-20030044639-\$ or US-20030038594-\$ or US-20030006699-\$ or US-20020164416-\$ or US-20020163299-\$ or US-20020125820-\$ or US-20020101152-\$ or US-20020043927-\$ or US-20020036462-\$ or US-20010031379-\$ or US-20010011868-\$).did. or (US-20020070663-\$ or US-20040095064-\$ or US-20020160296-\$ or US-20030062519-\$ or US-20020127877-\$ or US-20010036691-\$ or US-20020076847-\$ or US-20030137239-\$ or US-20030162108-\$ or US-20030020073-\$ or US-20040079923-\$ or US-20040070335-\$ or	US-PGPUB; USPAT	OR	ON	2004/06/14 15:45
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S11 1	115	(hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film) HTL) with ((lithium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2")	US-PGPUB; USPAT	OR	ON	2004/06/14 15:47
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S11 2	12	((US-5589732-\$ or US-5485055-\$ or US-5432015-\$ or US-5156924-\$ or US-5150007-\$ or US-5047686-\$ or US-4987339-\$ or US-4717606-\$ or US-4369393-\$ or US-6274979-\$ or US-6099979-\$ or US-6075316-\$ or US-5679472-\$ or US-6120338-\$ or US-6630254-\$ or US-6551725-\$ or US-6429451-\$ or US-5677572-\$ or US-6456013-\$ or US-6524877-\$ or US-5155051-\$ or US-6734839-\$ or US-6727871-\$ or US-6692845-\$ or US-6689492-\$ or US-6618029-\$).did. or (US-6608449-\$ or US-6573650-\$ or US-6559594-\$ or US-6555840-\$ or US-6541130-\$ or US-6462468-\$ or US-6429585-\$ or US-6366016-\$ or US-6309486-\$ or US-6281634-\$ or US-6252356-\$ or US-6246179-\$ or US-6140766-\$ or US-6137222-\$ or US-5449582-\$ or US-6417034-\$ or US-6739931-\$ or US-6693296-\$ or US-6610455-\$).did. or (US-20030234608-\$ or US-20030015961-\$ or US-20020142189-\$ or US-20020113248-\$ or US-20020086180-\$ or US-20040061438-\$ or US-20040051448-\$ or US-20040046498-\$ or US-20040041518-\$ or US-20040027063-\$ or US-20040017153-\$ or US-20030209976-\$ or US-20030151360-\$ or US-20030151358-\$ or US-20030129447-\$ or US-20030044639-\$ or US-20030038594-\$ or US-20030006699-\$ or US-20020164416-\$ or US-20020163299-\$ or US-20020125820-\$ or US-20020101152-\$ or US-20020043927-\$ or US-20020036462-\$ or US-20010031379-\$ or US-20010011868-\$).did. or (US-20020070663-\$ or US-20040095064-\$ or US-20020160296-\$ or US-20030062519-\$ or US-20020127877-\$ or US-20010036691-\$ or US-20020076847-\$ or US-20030137239-\$ or US-20030162108-\$ or US-20030020073-\$ or US-20040079923-\$ or US-20040070335-\$ or	US-PGPUB; USPAT	OR	ON	2004/06/14 15:46
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S11 3	3	((US-5589732-\$ or US-5485055-\$ or US-5432015-\$ or US-5156924-\$ or US-5150007-\$ or US-5047686-\$ or US-4987339-\$ or US-4717606-\$ or US-4369393-\$ or US-6274979-\$ or US-6099979-\$ or US-6075316-\$ or US-5679472-\$ or US-6120338-\$ or US-6630254-\$ or US-6551725-\$ or US-6429451-\$ or US-5677572-\$ or US-6456013-\$ or US-6524877-\$ or US-5155051-\$ or US-6734839-\$ or US-6727871-\$ or US-6692845-\$ or US-6689492-\$ or US-6618029-\$).did. or (US-6608449-\$ or US-6573650-\$ or US-6559594-\$ or US-6555840-\$ or US-6541130-\$ or US-6462468-\$ or US-6429585-\$ or US-6366016-\$ or US-6309486-\$ or US-6281634-\$ or US-6252356-\$ or US-6246179-\$ or US-6140766-\$ or US-6137222-\$ or US-5449582-\$ or US-6417034-\$ or US-6739931-\$ or US-6693296-\$ or US-6610455-\$).did. or (US-20030234608-\$ or US-20030015961-\$ or US-20020142189-\$ or US-20020113248-\$ or US-20020086180-\$ or US-20040061438-\$ or US-20040051448-\$ or US-20040046498-\$ or US-20040041518-\$ or US-20040027063-\$ or US-20040017153-\$ or US-20030209976-\$ or US-20030151360-\$ or US-20030151358-\$ or US-20030129447-\$ or US-20030044639-\$ or US-20030038594-\$ or US-20030006699-\$ or US-20020164416-\$ or US-20020163299-\$ or US-20020125820-\$ or US-20020101152-\$ or US-20020043927-\$ or US-20020036462-\$ or US-20010031379-\$ or US-20010011868-\$).did. or (US-20020070663-\$ or US-20040095064-\$ or US-20020160296-\$ or US-20030062519-\$ or US-20020127877-\$ or US-20010036691-\$ or US-20020076847-\$ or US-20030137239-\$ or US-20030162108-\$ or US-20030020073-\$ or US-20040079923-\$ or US-20040070335-\$ or	US-PGPUB; USPAT	OR	ON	2004/06/14 15:46
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S11 4	4	((US-5589732-\$ or US-5485055-\$ or US-5432015-\$ or US-5156924-\$ or US-5150007-\$ or US-5047686-\$ or US-4987339-\$ or US-4717606-\$ or US-4369393-\$ or US-6274979-\$ or US-6099979-\$ or US-6075316-\$ or US-5679472-\$ or US-6120338-\$ or US-6630254-\$ or US-6551725-\$ or US-6429451-\$ or US-5677572-\$ or US-6456013-\$ or US-6524877-\$ or US-5155051-\$ or US-6734839-\$ or US-6727871-\$ or US-6692845-\$ or US-6689492-\$ or US-6618029-\$).did. or (US-6608449-\$ or US-6573650-\$ or US-6559594-\$ or US-6555840-\$ or US-6541130-\$ or US-6462468-\$ or US-6429585-\$ or US-6366016-\$ or US-6309486-\$ or US-6281634-\$ or US-6252356-\$ or US-6246179-\$ or US-6140766-\$ or US-6137222-\$ or US-5449582-\$ or US-6417034-\$ or US-6739931-\$ or US-6693296-\$ or US-6610455-\$).did. or (US-20030234608-\$ or US-20030015961-\$ or US-20020142189-\$ or US-20020113248-\$ or US-20020086180-\$ or US-20040061438-\$ or US-20040051448-\$ or US-20040046498-\$ or US-20040041518-\$ or US-20040027063-\$ or US-20040017153-\$ or US-20030209976-\$ or US-20030151360-\$ or US-20030151358-\$ or US-20030129447-\$ or US-20030044639-\$ or US-20030038594-\$ or US-20030006699-\$ or US-20020164416-\$ or US-20020163299-\$ or US-20020125820-\$ or US-20020101152-\$ or US-20020043927-\$ or US-20020036462-\$ or US-20010031379-\$ or US-20010011868-\$).did. or (US-20020070663-\$ or US-20040095064-\$ or US-20020160296-\$ or US-20030062519-\$ or US-20020127877-\$ or US-20010036691-\$ or US-20020076847-\$ or US-20030137239-\$ or US-20030162108-\$ or US-20030020073-\$ or US-20040079923-\$ or US-20040070335-\$ or	US-PGPUB; USPAT	OR	ON	2004/06/14 15:47
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S11 5	15	(hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) HTL) near6 ((lithium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2"))	US-PGPUB; USPAT	OR	ON	2004/06/14 15:56
S11 6	15	(hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) HTL) near6 ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2"))	US-PGPUB; USPAT	OR	ON	2004/06/14 15:59
S11 7	100	(hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) HTL) with ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2") not ((hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) HTL) near6 ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2"))	US-PGPUB; USPAT	OR	ON	2004/06/14 16:00
S11 8	14	(electron adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) HTL) with ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2") not ((hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) HTL) near6 ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2"))	US-PGPUB; USPAT	OR	ON	2004/06/14 16:02
S11 9	5	(electron adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5)) with ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2") not ((hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) HTL) near6 ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:02

S12 0	5	(electron adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5)) with ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub. 2" "Mg F.sub.2")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:03
S12 1	5	(electron adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) EBL) with ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub. 2" "Mg F.sub.2")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:23
S12 2	5	(electron\$4 adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) EBL) with ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub. 2" "Mg F.sub.2")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:05
S12 3	8	(electron\$4 adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) EBL) same ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:07
S12 4	596	((barrier dielectric) adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) EBL) with ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub. 2")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:07
S12 5	257	((barrier dielectric) adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5)) near4 ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub. 2")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:12
S12 6	258	((barrier dielectric) adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5)) near4 ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub. 2" NaF)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:17
S12 7	2	"6246179".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:17
S12 8	1	"6246179".pn. and (lithium fluoride lif)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:18

S12 9	2	"6274979".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:18
S13 0	8	"6274979".URPN.	USPAT	OR	OFF	2004/06/14 16:19
S13 1	4	"6274979".URPN. and ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub. 2" NaF)	USPAT	OR	OFF	2004/06/14 16:30
S13 2	12	("4720432" "4769292" "4885211" "5645948" "5776623" "5935721" "5972247" "6013384" "6020078" "6137223" "6248458" "6274979"). PN.	USPAT	OR	OFF	2004/06/14 16:20
S13 3	0	(electron adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) EBL) with (alkali\$4 near3 fluoride\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:24
S13 4	0	(electron adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) EBL) same (alkali\$4 near3 fluoride\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:25
S13 5	910	(electron adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) EBL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:25
S13 6	146	(electron adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) EBL) with (hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:27
S13 7	146	(electron adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) EBL) with (hole adj (transfer\$4 transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:28

S13 8	61	((electron adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) EBL) with (hole adj (transfer\$4 transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL)) and ((lithium sodium cesium calcium strontium magnesium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2" NaF alkali\$4 near3 fluoride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 16:37
S13 9	61	((electron adj block\$5 adj (layer\$5 coat\$5 jacket\$4 lamina\$5 film jacket\$4 lamina\$5) EBL) with (hole adj (transfer\$4 transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL)) and ((lithium sodium cesium calcium strontium magnesium babarium) adj fluoride LiF "MgF.sub.2" "Mg F.sub.2" "Ba F.sub.2" NaF alkali\$4 near3 fluoride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 18:10

S14 0	98	(US-5449582-\$ or US-6274979-\$ or US-6417034-\$ or US-6524877-\$ or US-5155051-\$ or US-6739931-\$ or US-6693296-\$ or US-6610455-\$ or US-6630254-\$ or US-6551725-\$ or US-6429451-\$ or US-5677572-\$ or US-6456013-\$ or US-6462468-\$ or US-6429585-\$ or US-6366016-\$ or US-6309486-\$ or US-6281634-\$ or US-6252356-\$ or US-6246179-\$ or US-6140766-\$ or US-6137222-\$ or US-6120338-\$ or US-6099979-\$ or US-6075316-\$ or US-5679472-\$).did. or (US-5589732-\$ or US-5485055-\$ or US-5432015-\$ or US-5156924-\$ or US-5150007-\$ or US-5047686-\$ or US-4987339-\$ or US-4717606-\$ or US-4369393-\$ or US-6734839-\$ or US-6541130-\$ or US-6555840-\$ or US-6559594-\$ or US-6573650-\$ or US-6689492-\$ or US-6618029-\$ or US-6608449-\$ or US-6727871-\$ or US-6692845-\$).did. or (US-20020127877-\$ or US-20030062519-\$ or US-20020160296-\$ or US-20040095064-\$ or US-20020070663-\$ or US-20020086180-\$ or US-20020113248-\$ or US-20020142189-\$ or US-20030015961-\$ or US-20030234608-\$ or US-20030008172-\$ or US-20040031957-\$ or US-20030089252-\$ or US-20030146439-\$ or US-20040027058-\$ or US-20040061121-\$ or US-20040062856-\$ or US-20040062947-\$ or US-20040070335-\$ or US-20040079923-\$ or US-20030020073-\$ or US-20030162108-\$ or US-20030137239-\$ or US-20020076847-\$ or US-20010036691-\$ or US-20040061438-\$).did. or (US-20040051448-\$ or US-20040046498-\$ or US-20040041518-\$ or US-20030006699-\$ or US-20020164416-\$ or US-20020163299-\$ or US-20020125820-\$ or US-20030038594-\$ or US-20030044639-\$ or US-20030129447-\$ or US-20030151358-\$ or US-20030151360-\$ or	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/06/14 16:39
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S14 1	48	((US-5449582-\$ or US-6274979-\$ or US-6417034-\$ or US-6524877-\$ or US-5155051-\$ or US-6739931-\$ or US-6693296-\$ or US-6610455-\$ or US-6630254-\$ or US-6551725-\$ or US-6429451-\$ or US-5677572-\$ or US-6456013-\$ or US-6462468-\$ or US-6429585-\$ or US-6366016-\$ or US-6309486-\$ or US-6281634-\$ or US-6252356-\$ or US-6246179-\$ or US-6140766-\$ or US-6137222-\$ or US-6120338-\$ or US-6099979-\$ or US-6075316-\$ or US-5679472-\$).did. or (US-5589732-\$ or US-5485055-\$ or US-5432015-\$ or US-5156924-\$ or US-5150007-\$ or US-5047686-\$ or US-4987339-\$ or US-4717606-\$ or US-4369393-\$ or US-6734839-\$ or US-6541130-\$ or US-6555840-\$ or US-6559594-\$ or US-6573650-\$ or US-6689492-\$ or US-6618029-\$ or US-6608449-\$ or US-6727871-\$ or US-6692845-\$).did. or (US-20020127877-\$ or US-20030062519-\$ or US-20020160296-\$ or US-20040095064-\$ or US-20020070663-\$ or US-20020086180-\$ or US-20020113248-\$ or US-20020142189-\$ or US-20030015961-\$ or US-20030234608-\$ or US-20030008172-\$ or US-20040031957-\$ or US-20030089252-\$ or US-20030146439-\$ or US-20040027058-\$ or US-20040061121-\$ or US-20040062856-\$ or US-20040062947-\$ or US-20040070335-\$ or US-20040079923-\$ or US-20030020073-\$ or US-20030162108-\$ or US-20030137239-\$ or US-20020076847-\$ or US-20010036691-\$ or US-20040061438-\$).did. or (US-20040051448-\$ or US-20040046498-\$ or US-20040041518-\$ or US-20030006699-\$ or US-20020164416-\$ or US-20020163299-\$ or US-20020125820-\$ or US-20030038594-\$ or US-20030044639-\$ or US-20030125447-\$ or US-20030151558-\$ or US-20030151360-\$ or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/14 16:39
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S14 2	48	((US-5449582-\$ or US-6274979-\$ or US-6417034-\$ or US-6524877-\$ or US-5155051-\$ or US-6739931-\$ or US-6693296-\$ or US-6610455-\$ or US-6630254-\$ or US-6551725-\$ or US-6429451-\$ or US-5677572-\$ or US-6456013-\$ or US-6462468-\$ or US-6429585-\$ or US-6366016-\$ or US-6309486-\$ or US-6281634-\$ or US-6252356-\$ or US-6246179-\$ or US-6140766-\$ or US-6137222-\$ or US-6120338-\$ or US-6099979-\$ or US-6075316-\$ or US-5679472-\$).did. or (US-5589732-\$ or US-5485055-\$ or US-5432015-\$ or US-5156924-\$ or US-5150007-\$ or US-5047686-\$ or US-4987339-\$ or US-4717606-\$ or US-4369393-\$ or US-6734839-\$ or US-6541130-\$ or US-6555840-\$ or US-6559594-\$ or US-6573650-\$ or US-6689492-\$ or US-6618029-\$ or US-6608449-\$ or US-6727871-\$ or US-6692845-\$).did. or (US-20020127877-\$ or US-20030062519-\$ or US-20020160296-\$ or US-20040095064-\$ or US-20020070663-\$ or US-20020086180-\$ or US-20020113248-\$ or US-20020142189-\$ or US-20030015961-\$ or US-20030234608-\$ or US-20030008172-\$ or US-20040031957-\$ or US-20030089252-\$ or US-20030146439-\$ or US-20040027058-\$ or US-20040061121-\$ or US-20040062856-\$ or US-20040062947-\$ or US-20040070335-\$ or US-20040079923-\$ or US-20030020073-\$ or US-20030162108-\$ or US-20030137239-\$ or US-20020076847-\$ or US-20010036691-\$ or US-20040061438-\$).did. or (US-20040051448-\$ or US-20040046498-\$ or US-20040041518-\$ or US-20030006699-\$ or US-20020164416-\$ or US-20020163299-\$ or US-20020125820-\$ or US-20030038594-\$ or US-20030044639-\$ or US-20030129447-\$ or US-20030125320-\$ or US-20030151558-\$ or US-20030151360-\$ or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/14 16:39
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S14 3	5138	((313/504-506,509) or (315/169.3)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/17 13:35
S14 4	5138	((313/504-506,509) or (315/169.3)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/17 13:35
S14 5	2758	S144 and (BOLED OLED OEL TOLED SOLED FOLED PLED (polymer organic) near2 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL ELD) OELD OED LESD)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 16:41
S14 6	2130	S144 and (BOLED OLED OEL TOLED SOLED FOLED PLED (polymer organic) near2 (EL adj (apparatus device) light lamp luminaire electroluminesc\$9 electro adj luminesc\$9 EL ELD) OELD OED LESD).ab,ti,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 13:37
S14 7	1968	S145 and (hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 13:42
S14 8	178	S145 and (hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) same ("F" fluorine fluoride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 13:42
S14 9	178	S147 and (hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) same ("F" fluorine fluoride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 13:53
S15 0	157	S147 and (hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) same (LiF)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 13:55

S15 1	69	S147 and (hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) with (LiF)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:07
S15 2	566	kobayashi near2 hidekazu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 13:57
S15 3	13	S152 and fluor\$5 near5 (layer\$4 coat\$4 film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 13:58
S15 4	7	S147 and (hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) with (polyfluorene poly adj fluorene fluorenyl adj polymer dioctyl adj fluorene fluorene adj polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:11
S15 5	7	S145 and (hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) with (polyfluorene poly adj fluorene fluorenyl adj polymer dioctyl adj fluorene fluorene adj polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:14
S15 6	11	S145 and (hole adj (transport\$8 transmission\$7 transfer\$5) adj (layer\$5 coat\$5 lamina\$4 jacket\$4 skin film) HTL) with (polyfluorene poly adj fluorene fluorenyl adj polymer dioctyl adj fluorene fluorene adj polymer fluorene) not S155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:19
S15 7	0	S145 and (electron adj blocking ebl) with (polyfluorene poly adj fluorene fluorenyl adj polymer dioctyl adj fluorene fluorene adj polymer fluorene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:20
S15 8	5	S145 and (electron adj blocking ebl) same (polyfluorene poly adj fluorene fluorenyl adj polymer dioctyl adj fluorene fluorene adj polymer fluorene fluoride fluorine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:22

S15 9	2404	(electron adj blocking adj (layer\$4 coat\$4 film) ebl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:23
S16 0	543	(electron adj blocking adj (layer\$4 coat\$4 film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:23
S16 1	81	S145 and (electron adj blocking adj (layer\$4 coat\$4 film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 15:15
S16 2	637	S145 and (LiF CaF)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:40
S16 3	252	S145 and (LiF CaF)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:42
S16 4	267	S145 and (LiF "MgF.sub.2" "CaF.sub.2")	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:45
S16 5	269	S145 and (LiF "MgF.sub.2" "CaF.sub.2" CsF)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:45
S16 6	41	S145 and (LiF "MgF.sub.2" "CaF.sub.2" CsF) with hole	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 14:45
S16 7	19	("6023073").URPN.	USPAT	OR	OFF	2004/11/17 15:13
S16 8	5	S167 and (LiF "MgF.sub.2" "CaF.sub.2" CsF)	USPAT	OR	OFF	2004/11/17 15:13

S16 9	2	S145 and (electron adj blocking adj (layer\$4 coat\$4 film)ebi) with (LiF "MgF.sub.2" "CaF.sub.2" CsF)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 15:16
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